21. (AMENDED) A method for predicting the movement of an image, comprising the steps of:

applying a plurality of mathematical heuristics to a plurality of image characteristics to incorporate past measurements and past predictions into an updated overall prediction of said plurality of image characteristics, wherein the image is in one of a plurality of predefined modes and states; and

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using said updated characteristic predictions to determine whether the image will enter an ARZ.

IN THE SPECIFICATION:

Please amend paragraph 43 as set forth immediately below in clean form. Additionally, in accordance with 37 CFR 1.121 (b)(iii), the paragraph amended herein is set forth in a Marked Up Version on the sheet attached to this amendment.

[0043] Fig. 8 illustrates a similar Markov chain to represent the relevant probabilities relating to motion modes. The preferred embodiment of the invention uses three motion modes: stationary 102, represents a human occupant 18 in a mode of stillness, such as while asleep; human 104, represents a occupant 18 behaving as a typical passenger in an automobile or other vehicle, one that is moving as a matter of course, but not in an extreme way; and crash 122, represents the occupant 18 of a vehicle that is in a mode of crashing.

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